

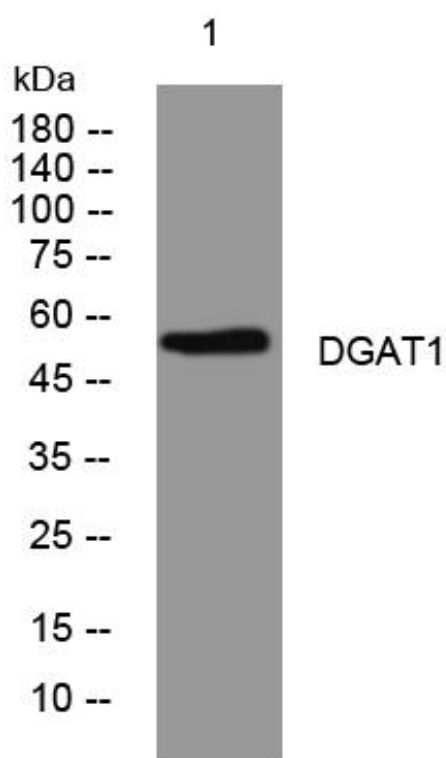


DGAT1 mouse mAb

Catalog No	YP-mAb-08717
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	DGAT1 AGRP1 DGAT
Protein Name	DGAT1
Immunogen	Synthesized peptide derived from human DGAT1 AA range: 405-455
Specificity	This antibody detects endogenous levels of DGAT1 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	54kD
Cell Pathway	Endoplasmic reticulum membrane ; Multi-pass membrane protein .
Tissue Specificity	
Function	catalytic activity:Acyl-CoA + 1,2-diacylglycerol = CoA + triacylglycerol.,function:Catalyzes the terminal and only committed step in triacylglycerol synthesis by using diacylglycerol and fatty acyl CoA as substrates. In contrast to DGAT2 it is not essential for survival. May be involved in VLDL (very low density lipoprotein) assembly.,pathway:Lipid metabolism; glycerolipid metabolism.,similarity:Belongs to the membrane-bound acyltransferase family. Sterol o-acyltransferase subfamily.,
Background	This gene encodes an multipass transmembrane protein that functions as a key metabolic enzyme. The encoded protein catalyzes the conversion of diacylglycerol and fatty acyl CoA to triacylglycerol. This enzyme can also transfer acyl CoA to retinol. Activity of this protein may be associated with obesity and other metabolic diseases. [provided by RefSeq, Jul 2013],
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western Blot analysis of various cells using DGAT1 mouse mAb